

Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)
Hingna Road, Wanadongri, Nagpur - 441 110
Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu
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Department of Information Technology

Vision of the Department

To become a well-recognized destination of academic excellence for pursuing Information Technology.

Mission of the Department

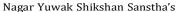
To shape competent, responsible, ethical Information Technology professionals in a facilitative learning environment by inculcating out of box thinking, computational skills and problem- solving abilities.

REPORT

iTECHROOTS 12.0:



Department of Information Technology, YCCE Nagpur had organized Two days National level Technical Fest "iTECHROOTS 12.0" during 1st - 2nd September 2022, under the banner of SPIRIT - Computer Society of India (CSI), New Delhi. The convener of the Technical Fest was Dr. Rajesh Dharmik, Head of Information Technology Department. The Chief Guest of the program was Mr. Ashwin Balani (CEO First Impression Technology). The Technical Fest was coordinated by Prof. Amol Gaikwad, co-coordinated by Dr. Bhushan Manajare. The Various events conducted in "iTECHROOTS 12.0", were Code Battle, Fastest Finger First, Technical Quiz, Web Designing Jam, Hackathon, Atranagi-Talent hunt, Photoarena, MemeMaking, Esports, Box





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Cricket, Futsal, Chess, VolleyBall. Apart from events the workshop on Cloud Computing and

Salesforce were also organized for the Students.

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Around 700 students from YCCE, GHRCE, St. Vincent Palloti, SB Jain, SDMP, RGCER, KDK, G.H. Riasoni polytechnic and other engineering colleges participated in the Technical Fest. The program was aimed to provide a platform for the students to exhibit their talent in various technical and nontechnical events. The program concluded with awarding prizes, mementos, and certificates to the winners and participants of various events.

Events conducted under iTECHROOTS 12.0

1. Web Designing Jam



Department of Information Technology, YCCE Nagpur has organized Two days National level Technical Fest "iTECHROOTS 12.0" during $1^{st}-2^{nd}$ September 2022 under the banner of SPIRIT - Computer Society of India (CSI), New Delhi. Web designing Jam is





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essential to the internet as we know it. Learn what this activity involves, the main reasons why it is important, and the necessary skills to achieve quality.

By using HTML code to program websites and CSS to standardize its visual language, webdesign professionals are responsible for building digital experiences to be used by the public. The aim is to deliver a quality experience to the audience and help the business

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reach its goals. As such, a web designing jam is a professional that acquires the necessar skills to perform this job. Those might be specialized in specific web design fields, ranging from website creation to mobile app development.

2. Code Battle



Department of Information Technology, YCCE Nagpur has organized Two days National level Technical Fest "iTECHROOTS 12.0" during $1^{\rm st}-2^{\rm nd}$ September 2022 under the banner of SPIRIT - Computer Society of India (CSI), New Delhi.

In Battlecode, two teams of virtual robots roam the screen, managing resources and



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executing different offensive strategies against each other.

Battlecode is a real-time strategy game, for which you will write an autonomous player. Your AI player will need to strategically manage a robot army and control how your robots work together to defeat the enemy team.





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The coding competition "Code Battle" was held on 1st September 2022 in the college. The event had 3 rounds and students are filtered in every round. The winners were declared according to the total score in their dashboard. Many students from YCCE participated in this contest.

3. Hackathon



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A hackathon, also known as a codefest, is a <u>social coding</u> event that brings computer programmers and other interested people together to improve upon or build a new software program.

The word hackathon is a portmanteau of the words <u>hacker</u>, which means clever programmer, and marathon, an event marked by endurance. The concept of the hackathon, also called a hack day or hack fest, was born out of the open source community.





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The competition was held on 1st September 2022 in the college. The event was group event total participation was about 8 groups 4-5 members per group. 7 teams were from 'YCCE' and 1 team was from 'Anjuman College'. The event duration was about 5 hours.

4. Technical Quiz



Department of Information Technology, YCCE Nagpur has organized Two days National level Technical Fest "iTECHROOTS 12.0" during 1st - 2nd September 2022 under the banner of SPIRIT - Computer Society of India (CSI), New Delhi.

In iTECHROOTS 12.0," In India, esports has a promising future with greater recognition, huge rewards, and rising popularity. Gaming companies are looking for talent to capture the untapped market and audience with innovative and immersive games.



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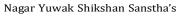
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5. Fastest Fingers First



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FASTEST FINGERS FIRST was an online quiz based on technical questions. Here we had given all the participants a set of questions which they had to solve within the mentioned time. Those we answered all the questions correctly in the shortest time period were qualified for the next round. Likewise, 3 rounds conducted.





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6. Meme Making



Department of Information Technology, YCCE Nagpur has organized Two days National level Technical Fest "iTECHROOTS 12.0" during $1^{st}-2^{nd}$ September 2022 under the banner of SPIRIT - Computer Society of India (CSI), New Delhi.

Each player gets a random meme and has to think of a text for the meme within a given time. After that, the players rate each other's memes and award their Meme-Buddy. Whoever has collected the most points at the end wins!

Meme Making is a web-based tool that allows users to quickly and easily create their own visual image meme. In this case, a meme is media content that usually consists of a popular image and typically two sections of text: one at the top and one at the bottom.





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7. Atrangi



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In iTECHROOTS 12.0,"Atrangi-Talent Hunt" Each participant has to perform before the judges, whereupon they are given 90 seconds to demonstrate their act, with a live audience present for all performances. At the end of a performance, the judges give constructive criticism and feedback about what they saw, whereupon they each give a vote - a participant who receives a majority vote approving their performance, moves on to the next stage, otherwise they are eliminated from the show at that stage.





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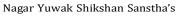
8. Futsal



Department of Information Technology, YCCE Nagpur has organized Two days FutSal "iTECHROOTS 12.0" during $1^{st}-2^{nd}$ September 2022 .

Futsal is the FIFA-recognised form of small-sided indoor football. It is played between two teams who each have five players on the pitch at any one time, with rolling substitutes and a smaller ball than soccer that is harder and less bouncy.

The small amount of space means players must have great technique and skill, and as well as a professional sport in its own right with national and international championships, it is also considered a development tool for 11-a-side football.





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9. Photo Arena



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The aims of Arena are to promote the highest standards of photography, to encourage print-making, to show and discuss new work and new photographers, to invite speakers who excel in their photographic and artistic fields and to promote constructive debate. Photo Arena is a smartphone photography is all about collecting photons (light) and converting them into electrons (image).





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10.E-Gaming



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11.Chess



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CHESS is a game for 2 players each of whom moves 16 pieces according to fixed rules across a checkerboard and tries to checkmate the opponent's king.

Chess is one of the oldest board games in the world, and also one of the most popular. Whether you want to learn chess to play casual games with your friends or to enter competitions, in this article you can learn all the information you need to know about the royal game.





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12. Volleyball



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Volleyball, game played by two teams, usually of six players on a side, in which the players use their hands to bat a ball back and forth over a high net, trying to make the ball touch the court within the opponents' playing area before it can be returned.

Volleyball is a team sport in which two teams of six players are separated by a net. Each team tries to score points by grounding a ball on the other team's court under organized rules.





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13. Workshop on Salesforce

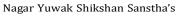


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The convener of the Technical Fest was Dr. Rajesh Dharmik, Head of Information Technology Department. The Technical Fest was coordinated by Prof. Amol Gaikwad and Prof. Bhushan Majhre.

In iTECHROOTS 12.0, "Workshop on Salesforce" was held at YCCE in offline mode. The Workshop was conducted by our guest 'Mr. Khumed Khatib'. Sir was welcomed by 'Dr. Rajesh Dharmik' Sir with a bouquet. Sir The Workshop started at 3:30 P.m. at Information Technology Department on 2nd September. Sir explained the basic concepts of Salesforce through presentation and demos.

Around 20 students participated in the Workshop on Salesforce. The program was aimed to provide students knowledge about Salesforce. Sir demonstrated the different concept of Salesforce and created a new App. This workshop was followed by a Question and Answer session in which participants asked doubts regarding the scope.





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The workshop ended at 5:00 p.m.

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14. Workshop on Cloud



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In iTECHROOTS 12.0, "Workshop on Cloud Platforms" was held at YCCE in offline mode. The Workshop was conducted by our guest 'Mr. Prince Ninawe'. Sir was welcomed by 'Mrs. Priyanka Jaiswal' ma'am with a bouquet. Sir had 6 years of experience in cloud computing field. The Workshop started at 11:15 a.m. at Information Technology Department on 2nd September. Sir explained the basic concepts of cloud computing through presentation and demos. Around 20 students participated in the Workshop on Cloud Platforms. The program was aimed to provide students knowledge about cloud. Sir demonstrated the AWS Cloud and created a new cloud. This cloud was accessible to the students. A website was uploaded on this cloud which everyone could see on their mobile





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phones. This workshop was followed by a Question and Answer session in which participants asked doubts regarding the scope and upcoming technologies of cloud computing. The workshop ended at 11:50 a.m.

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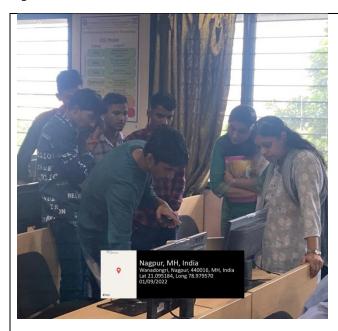
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Glimpses of iTechroots 12.0







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